

Converting Colors

Hex(40441E)

Have a look what the booklet for
Hex(40441E) contains.

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Color

Hex(40441E)

Conversions

Conversions Part 1

Format	Color
Hex	40441E
RGB	64, 68, 30
RGB Percent	25%, 27%, 12%
CMY	0.7490, 0.7333, 0.8824
CMYK	0.06, 0.00, 0.56, 0.73
HSL	66°, 39%, 19%
HSV	66°, 56%, 27%
XYZ	4.4158, 5.3180, 2.0220
YIQ	62.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

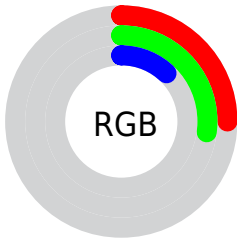
Format	Color
RYB	30, 68, 34
Decimal	4211742
CIELab	27.62, -8.28, 22.25
CIElCh	28, 23.738, 110.413
Yxy	5.3180, 0.3756, 0.4524
Android (android.graphics.Color)	4282401822 (0xFF40441E)
YUV	62.4720, -16.0087, 1.3401
Hunter-Lab	23.0607, -6.1759, 10.9438

Details

The Hex color **40441E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **221E44**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **71744B**, and **131900** is the 20% darker color. If you saturate the color by 10%, you get **3F4417**, and if you desaturate by 10%, it is **414425**.

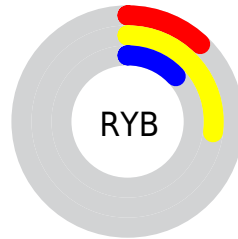
Distribution



Red (25%)

Green (27%)

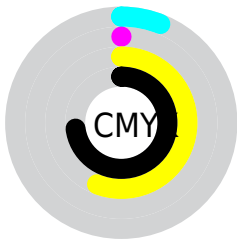
Blue (12%)



Red (12%)

Yellow (27%)

Blue (13%)

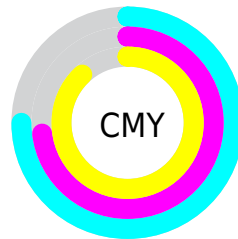


Cyan (6%)

Magenta (0%)

Yellow (56%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40441E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 40441E by changing the saturation by 10% instead.



40441E



40441E

FFFFFF



292E07



71744B



131900



8B8E63



000000



A5A87C



C1C396



DDDFB1



F9FCCD



FFFFE9



40441E



40441E

■ 3F4417

■ 414425

■ 3F4410

■ 41442C

■ 3E440A

■ 424432

■ 3D4403

■ 434439

■ 3D4400

■ 444440

■ 444447

■ 45444E

■ 464454

■ 46445B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



513E1D



40441E



2B4829

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40441E



00495D



603348

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40441E



221E44

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



523859



40441E



144565

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40441E



004B4D



3A3F63



643335

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40441E



194A34



3A3F63



5D344E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40441E



58594A



44221E



2D2E25



ADADAD



2E2E2E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40441E



53591D



2D441E



21211E



576100



C9E000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



221E44



241D59



351E44



1E1E21



0A0061



1800E0

Previews

White Background



This preview shows how the Hex color 40441E looks on a white background.

Color Contrast Check

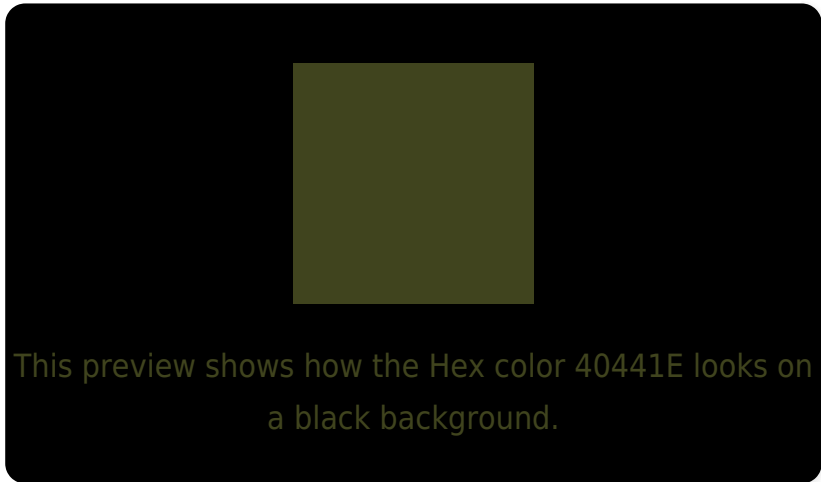
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40441E Background



This preview shows how black text looks on a background with the Hex color 40441E.

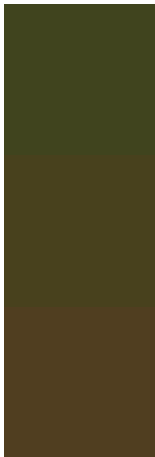


This preview shows how white text looks on a background with the Hex color 40441E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
40441E

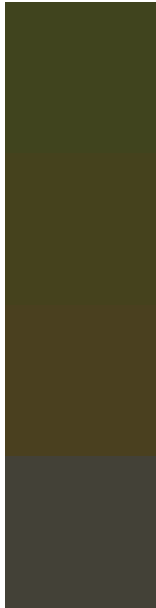
Protanopia
48411D

Deuteranopia
503E20



Tritanopia
444045

Trichromacy



Original Color
40441E

Protanomaly
45421D

Deuteranomaly
4A401F

Tritanomaly
434137

Monochromacy



Original Color
40441E

Achromatopsia
3E3E3E

Achromatomaly
3F4032

CSS Examples

Text

The CSS property to change the color of the text to Hex 40441E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #40441E looks like.

```
.text, #text, p{  
    color:#40441E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #40441E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40441E
}
```

Border

The CSS property to change the border of an element to Hex 40441E is called "border". The border property can be set on classes, ids or directly on the HTML element.

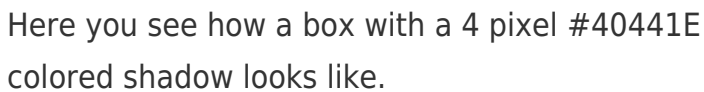
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40441E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#40441E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #40441E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40441E; -webkit-box-shadow:4px 4px  
4px 4px #40441E; box-shadow:4px 4px 4px  
4px #40441E }
```

Background

The CSS property to change the background color of an element to Hex 40441E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40441E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#40441E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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